

Item Descriptions Background Information

5/3/2006

Round 1

Item	Mfg Listed Standard	Organization	Standard Title
Bedding, Bed Linens, & Towels	AATCC 8	American Association of Textile Chemists and Colorists	Colorfastness to Crocking refers to a fabric's ability to resist fading when exposed to crocking
	AATCC 16E	American Association of Textile Chemists and Colorists	Colorfastness to Light refers to a fabric's ability to resist fading when exposed to light
	AATCC 107	American Association of Textile Chemists and Colorists	Colorfastness to Water refers to a fabric's ability to resist fading when exposed to water
	ASTM D5034	American Society for Testing and Materials	D5034 Standard Test Method for Breaking Strength and Elongation of Textile Fabrics (Grab Test)
	ASTM D1424	American Society for Testing and Materials	D1424 Standard Test Method for Tearing Strength of Fabrics by Falling-Pendulum Type (Elmendorf) Apparatus
	ASTM D3776 Option C (Woven)	American Society for Testing and Materials	D3776 Standard Test Methods for Mass Per Unit Area (Weight) of Fabric
Diesel Fuel Additives	ASTM D-1094	American Society for Testing and Materials	D1094 Standard Test Method for Water Reaction of Aviation Fuels
	ASTM D-6078	American Society for Testing and Materials	D6078 Standard Test Method for Evaluating Lubricity of Diesel Fuels by the Scuffing Load Ball-on-Cylinder Lubricity Evaluator (SLBOCLE)
	ASTM D-665	American Society for Testing and Materials	D665 Standard Test Method for Rust-Preventing Characteristics of Inhibited Mineral Oil in the Presence of Water
	ASTM D-6751	American Society for Testing and Materials	D6751 Standard Specification for Biodiesel Fuel (B100) Blend Stock for Distillate Fuels
	ASTM D-975	American Society for Testing and Materials	D975 Standard Specification for Diesel Fuel Oils
	Cummins L10 Injector Depositing Test Detergency	Cummins Engine Company	A standard used to indicate of the ability of a product to provide injector cleanliness and can be used to discriminate fuel/fuel additive quality.
	Fuel Stability using the 180 minute, 302° oxidation test	American Society for Testing and Materials	D-6468 Standard test method for is a test method that determines the relative instability of a fuel subjected to a thermal degradation process
	SAE Paper No. 912331	Society of Automotive Engineers	Cummins L10 Injector Depositing Test to Evaluate Diesel Fuel Quality
Mobile Hydraulic Fluids	API GL-4	American Petroleum Institute	API GL-4 is generally equivalent to military specification MIL-L-2105 for manual transmissions and spiral bevel gears engaged in moderate service. API GL-4 rates a gear lubricant's performance

ASTM D-1298	American Society for Testing and Materials	D1298 Standard Test Method for Density, Relative Density (Specific Gravity), or API Gravity of Crude Petroleum and Liquid Petroleum Products by Hydrometer Method
ASTM D-1500	American Society for Testing and Materials	D1500 Standard Test Method for ASTM Color of Petroleum Products (ASTM Color Scale)
ASTM D-2270	American Society for Testing and Materials	D2270 Standard Practice for Calculating Viscosity Index From Kinematic Viscosity at 40 and 100°C
ASTM D-2619	American Society for Testing and Materials	D2619 Standard Test Method for Hydrolytic Stability of Hydraulic Fluids (Beverage Bottle Method)
ASTM D-2770	American Society for Testing and Materials	D2770 Standard Specification for Ozone-Resisting Ethylene-Propylene Rubber Integral Insulation and Jacket for Wire and Cable
ASTM D-287	American Society for Testing and Materials	D287 Standard Test Method for API Gravity of Crude Petroleum and Petroleum Products (Hydrometer Method)
ASTM D-2983	American Society for Testing and Materials	D2983 Standard Test Method for Low-Temperature Viscosity of Lubricants Measured by Brookfield Viscometer
ASTM D-445	American Society for Testing and Materials	D445 Standard Test Method for Kinematic Viscosity of Transparent and Opaque Liquids (and the Calculation of Dynamic Viscosity)
ASTM D-4684	American Society for Testing and Materials	D4684 Standard Test Method for Determination of Yield Stress and Apparent Viscosity of Engine Oils at Low Temperature
ASTM D-5864	American Society for Testing and Materials	D5864 Standard Test Method for Determining Aerobic Aquatic Biodegradation of Lubricants or Their Components
ASTM D-665	American Society for Testing and Materials	D665 Standard Test Method for Rust-Preventing Characteristics of Inhibited Mineral Oil in the Presence of Water
ASTM D-892	American Society for Testing and Materials	D892 Standard Test Method for Foaming Characteristics of Lubricating Oils
ASTM D-92	American Society for Testing and Materials	D92 Standard Test Method for Flash and Fire Points by Cleveland Open Cup Tester
ASTM D-97	American Society for Testing and Materials	D97 Standard Test Method for Pour Point of Petroleum Products
ASTM D-974	American Society for Testing and Materials	D974 Standard Test Method for Acid and Base Number by Color-Indicator Titration
Copper Corrosion, ASTM D-30	American Society for Testing and Materials	D30 Test Method for Specific Gravity and Absorption of Coarse Aggregates (Withdrawn 1934)
ASTM Houghton International Chemical Co. R-RJA-	American Society for Testing and Materials	
Base Oil Aquatic Toxicity (Daphnia) LC 50>1000 PPM (Non-toxic)		
Base Oil Biodegradability, Modified Sturm OECD 301B	Organization for Economic Cooperation and Development	OECD 301B Guideline for Testing of Chemicals, Ready Biodegradability: Modified Sturm Test

Caterpillar BF-1	Caterpillar	All fluids must meet the minimum requirements of seven different test of hydraulic fluid
CEC L 33-A-93	Coordinating European Council	CEC L 33-A-93 Biodegradability of Two Stroke Outboard Engine Oil in Water
Dept. of Army - Research Development & Engineering Command - Qualified Products List (QPL32073MIL-PRF-32073 Grade 4) Qualification BHF03	Dept. of Army - Research Development & Engineering Command	QPL32073MIL-PRF-32073 Grade 4 Non-toxic, totally biodegradable Environmentally Friendly hydraulic fluid
Hydro Safe Product ID # ISO VG 46-M4	Dept. of Army - Research Development & Engineering Command	ISO VG 46-M4 Non-toxic, totally biodegradable Environmentally Friendly hydraulic fluid
ISO 32	International Organization for Standardization	Gas cylinders for medical use - Marking for identification of content
ISO 46	International Organization for Standardization	Aircraft -- Fuel nozzle grounding plugs and sockets
ISO 68	International Organization for Standardization	ISO general purpose metric screw threads
ISO FC-22	International Organization for Standardization	Gaseous fire-extinguishing systems -- Physical properties and system design -- Part 9: HFC 227ea extinguishant
ISO VG 46-M4	International Organization for Standardization	Non-toxic, totally biodegradable Environmentally Friendly hydraulic fluid
ISO-32 Hydraulic	International Organization for Standardization	Gas cylinders for medical use - Marking for identification of content
J20-D	John Deere	A standard that tests Brake Chatter/Capacity, Powershift Transmission, High-Torque Axle
JIC-145/MS-1210	J.I. Case	
JIC-185/MS-1204	J.I. Case	
John Deere Flow Degradation	John Deere	
John Deere Piston Pump AT 94661	John Deere	
John Deere Wear/Corrosion test	John Deere	
M1129-A	Massey Ferguson	
MS1127	Case/IH	
MS-1205	Case/IH	
Q-1705	White Farm	
Q-1766	White Farm	
Q-1826	White Farm	

	Readily Biodegradable 560/6-82-003	Environmental Protection Agency	EPA 560/6-82-003, number CG-2000, Aerobic Aquatic Biodegradation
	R-RJA-1B		
	US EPA OPPTS 835.3120	Environmental Protection Agency	835.3120 Sealed-vessel carbon dioxide production test
	Vickers 35-VQ Vane Pump	Eaton	The standard test procedure requires that the same charge of fluid be tested with satisfactory results in three successive 50-hour test runs.
Penetrating Lubricants	ASTM D-130	American Society for Testing and Materials	D130 Standard Test Method for Corrosiveness to Copper from Petroleum Products by Copper Strip Test
	ASTM D-2266	American Society for Testing and Materials	D2266 Standard Test Method for Wear Preventive Characteristics of Lubricating Grease (Four-Ball Method)
	ASTM D-2783	American Society for Testing and Materials	D2783 Standard Test Method for Measurement of Extreme-Pressure Properties of Lubricating Fluids (Four-Ball Method)
	ASTM D-287	American Society for Testing and Materials	D287 Standard Test Method for API Gravity of Crude Petroleum and Petroleum Products (Hydrometer Method)
	ASTM D-3233	American Society for Testing and Materials	D3233 Standard Test Methods for Measurement of Extreme Pressure Properties of Fluid Lubricants (Falex Pin and Vee Block Methods)
	ASTM D-445	American Society for Testing and Materials	D445 Standard Test Method for Kinematic Viscosity of Transparent and Opaque Liquids (and the Calculation of Dynamic Viscosity)
	ASTM D-5864	American Society for Testing and Materials	D5864 Standard Test Method for Determining Aerobic Aquatic Biodegradation of Lubricants or Their Components
	ASTM D-5985	American Society for Testing and Materials	D5985 Standard Test Method for Pour Point of Petroleum Products (Rotational Method)
	ASTM D-665	American Society for Testing and Materials	D665 Standard Test Method for Rust-Preventing Characteristics of Inhibited Mineral Oil in the Presence of Water
	ASTM D-93	American Society for Testing and Materials	D93 Standard Test Methods for Flash-Point by Pensky-Martens Closed Cup Tester
Roof Coatings	ASTM D4541	American Society for Testing and Materials	D4541 Standard Test Method for Pull-Off Strength of Coatings Using Portable Adhesion Testers
	ASTM E-84	American Society for Testing and Materials	E84 Standard Test Method for Surface Burning Characteristics of Building Materials
	ASTM D-92	American Society for Testing and Materials	D92 Standard Test Method for Flash and Fire Points by Cleveland Open Cup Tester
	Solar reflectance	Cool Roof Rating Council	Solar Reflectance
	Thermal emittance	Cool Roof Rating Council	Thermal Emittance
Water Tank Coatings	ASTM D4541	American Society for Testing and Materials	D4541 Standard Test Method for Pull-Off Strength of Coatings Using Portable Adhesion Testers